



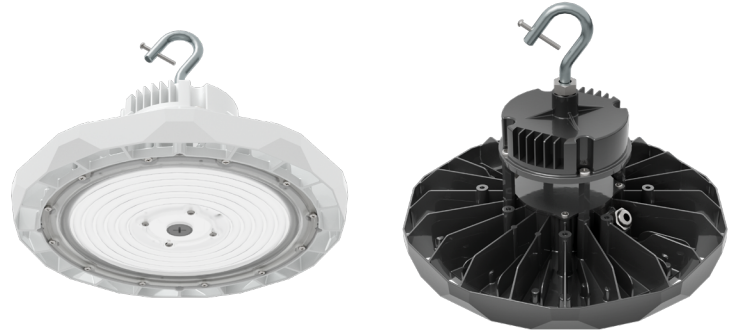
Advantage Round Low and High Bay (ARB)

Industrial and Sports



OVERVIEW*	
Lumen Package (lm)	6,000 - 30,000
CCT (K)	3000K, 4000K, 5000K
Wattage Range (W)	39 - 234
Efficacy Range (LPW)	126 - 143
Weight lbs (kg)	6 - 8 (2.7 - 3.6)
Control Options	QCMS35, QCALBMSD35

* Ranges based on "No Refractor"



QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Aluminum die cast.

Optical System

- Color temperature field selectable in 3000K, 4000K, or 5000K.
- Acrylic optic ensures low glare.
 - Lumen and/or CCT can be locked with Selection Lock catalog option where appropriate.
- Optional refractors and refractor attachments available (see accessory table)
- Minimum CRI of 80.
- We recommend using this fixture in open spaces to achieve optimal performance and appearance. When installed near highly reflective surfaces (for example, close to walls or ceilings in smaller venues), some variation in lighting uniformity may be noticeable and could fall outside traditional design expectations.

Electrical

- ARB 9 - Field selectable lumen levels (6L-9L-12L) based on 40W, 60W, or 80W.
- ARB 12 - Field selectable lumen levels (18L-24L-30L) based on 135W, 180W, or 240W.
- L70 Calculated Life: 100,000+ hours.
- Available in UNC (120V-347V) voltages.
- Standard surge protection rated to 6kV.
- Optional external 30W emergency battery back-up available.

- Operating temperature range -40 to +50C (-40F to +122F) refer to ambient temperature table for specific units.

Installation

- Standard die cast hook with capture screw for mounting.
 - Other mounting options include: die cast loop, surface mount (ARB-SMK), or pendant mount (ARB-PMK) - see accessory table for details.
- Standard 6ft 5 conductor cord in color to match unit finish (white or black).
 - 5 Conductor cord allows 0-10V dimming.

Controls

- Controls Options Include:
 - Quick Control center mount PIR sensor (QCMS35)
 - Every unit comes standard with a Quick Control Receptacle (QCR35)
 - Quick Control sensor may be programmed via dials on the back of the sensor or using a separate IR remote (not included, please see accessory table to purchase)
 - Quick Control AirLink Blue sensor (QCALBMSD35)
 - App based, wireless Bluetooth mesh lighting control system.
 - Automated control of grouped fixtures based on motion sensors, daylight or a fully customizable schedule.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Suitable for wet locations without EM. Suitable for damp locations with EM installed.
- Listed to UL 1598 and UL 8750.
- Title 24 Compliant; see local ordinance for qualification information.
- Lens is rated IK06 and housing is rated IK08 per IEC 66262 mechanical impact code.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Advantage Round Low and High Bay (ARB) Industrial and Sports

Type : _____

 Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: ARB 9 FS1 UNV WHT EM30WWHT

Prefix	Size	Selectibility	Voltage	Color Rendering/Temperature	Finish	EM Options	Options
ARB - Advantage Round Bay Light	9 - 9" Diameter (Low Bay)	FS1 - Fully Selectable (6L-9L-12L/3000K-4000K-5000K)	UNC - Universal Voltage (120V - 347V)	Standard - Selectable (min. 80 CRI)	WHT - White BLK - Black	EM30W - 30W EM Standard - QCR35 Included by default	LxxCyy - Lumen and CCT Selectable Lock (ARB 9 and 12 UNC, Select from 3 Lumen and 3 CCT Choices) Lxx - Lumen Selectable Lock (ARB 12 UNV only, select from 3 Lumen Choices) Please see Accessory table below for additional choices
	12 - 12" Diameter (High Bay)	FS1 - Fully Selectable (18L-24L-30L / 3000K-4000K-5000K)					



Need more information?
[Click here for our glossary](#)

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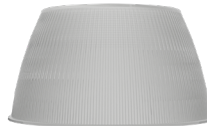
ACCESSORY ORDERING INFORMATION

Part Number	Order Number	Description
787805	PMK BLK	Pendant Mount Adapter (Black) Accepts 3/4 NPT
787804	PMK WHT	Pendant Mount Adapter (White) Accepts 3/4 NPT
812345	ARB-SMK-WHT	ARB Surface Mount Kit White
817648	ARB-SMK-BLK	ARB Surface Mount Kit Black
101170	SCK	Safety Chain Kit
813860	ARB16-ADP-W ¹	Refractor Adaptor White (Required for 9" units if using a refractor)
813861	ARB16-ADP-B ¹	Refractor Adaptor Black (Required for 9" units if using a refractor)
709938C	R16AC ¹	16" Clear Acrylic Refractor
738701	R16AD ¹	16" Diffuse Acrylic Refractor
738702	R16AW ¹	16" White Acrylic Refractor
841969	R16PC	16" Clear Polycarbonate Refractor
709936	R16AL	16" White Aluminum Reflector
782280	R16CPA	16" Acrylic Conical Drop Lens and Clamp Band ⁵
709942	R16WG	16" Wire Guard
782894	ARB-LP	Mounting Loop
842373	QCMS35	Quick Control PIR Motion Sensor 3.5mm ⁵
802874	QCALBMSD35	Quick Control Airlink Blue Motion Sensor and Photocell 3.5mm ⁵
792552	QCREM	Quick Control Remote Config Tool for QCMS35

R16AC
(16" Clear Acrylic Refractor)



R16AD
(16" Diffuse Acrylic Refractor)



R16AW
(16" White Acrylic Refractor)



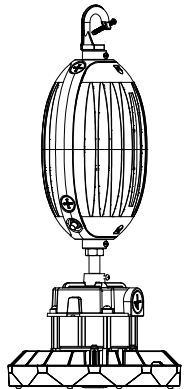
Pendant Mount Adapter
(PMK - Fits 3/4" NPT)



ARB White Unit with Loop
(ARB WHT ARB-LP)
Pictured with optional mounting loop



ARB EM Kit
(ARB EM30W Installed)



ARB Surface Mount Kit
(SMK - Finish to match fixture)



PENDANT ORDERING INFORMATION (Accessories are field installed)

Order Number	Description	Image
BC600 3	3/4" (19 mm) Top Decorative Box Cover Aligner	
BC585	3/4" (19 mm) Top Round Box Cover Aligner	
BC585SQ	3/4" (19 mm) Top Square Box Cover Aligner	

- ¹ If using a refractor with a 9" unit, the ARB16-ADP adaptor is required
- ² Units with refractors are not DLC listed.
- ³ R16CPA and R16WG are not stocked and will have extended lead times.

STEM ORDERING INFORMATION (Accessories are field installed)

Order Number	Description	Image
ST 6 3	3/4" x 6" (19 mm x 152 mm) Aluminum Stem	
ST 12 3	3/4" x 12" (19 mm x 0.4 m) Aluminum Stem	
ST 18 3	3/4" x 18" (19 mm x 0.5 m) Aluminum Stem	
ST 24 3	3/4" x 24" (19mm x 0.6 m) Aluminum Stem	
ST 36 3	3/4" x 36" (19 mm x 0.9 m) Aluminum Stem	
ST 48 3	3/4" x 48" (19 mm x 1.2 m) Aluminum Stem	
COP 3	3/4" (19 mm) Aluminum Stem Coupler	

- ⁴ ARB units come with a hook by default, but a loop may be ordered as an alternative. See product dimensions for details.
- ⁵ The conical lens attachment (R16CPA) and the PIR motion sensors (QCMS35 and QCALBMSD35) are not compatible

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PERFORMANCE

Delivered Lumens ¹									
Size	Lumen Package	Refractor or Attachments	3000K		4000K		5000K		Wattage
			Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
9"	6L	No Refractor	5479	141	6031	155	5539	142	39
		R16AC	5502	141	6056	156	5562	143	
		R16AC R16CPA	5226	134	5753	148	5283	136	
		R16AD	5499	141	6054	156	5560	143	
		R16AD R16CPA	5309	136	5844	150	5367	138	
		R16AW	5505	141	6060	156	5566	143	
		R16AW R16CPA	5276	136	5808	149	5334	137	
		R16AL	5346	137	5884	151	5404	139	
		R16AL R16CPA	5038	129	5546	143	5093	131	
	9L	No Refractor	8149	139	8970	153	8238	141	59
		R16AC	8183	140	9008	154	8273	141	
		R16AC R16CPA	7773	133	8556	146	7858	134	
		R16AD	8179	140	9004	154	8269	141	
		R16AD R16CPA	7897	135	8692	148	7983	136	
		R16AW	8188	140	9013	154	8278	141	
		R16AW R16CPA	7847	134	8638	147	7933	135	
		R16AL	7951	136	8752	149	8038	137	
		R16AL R16CPA	7493	128	8248	141	7575	129	
	12L	No Refractor	10751	136	11835	150	10869	138	79
		R16AC	10797	137	11885	151	10915	138	
		R16AC R16CPA	10256	130	11289	143	10368	131	
		R16AD	10792	137	11879	151	10910	138	
		R16AD R16CPA	10419	132	11469	145	10533	133	
		R16AW	10803	137	11892	151	10922	138	
		R16AW R16CPA	10353	131	11397	144	10466	133	
		R16AL	10490	133	11547	146	10605	134	
		R16AL R16CPA	9886	125	10883	138	9994	127	

1 LEDs are frequently updated therefore values are nominal.
 2 For lumen output scaling, multiply the CCT-Lumen combination by the scaling factor to get the output for the refractor used.
 3 Electrical data at 25C (77F). Actual wattage may differ by +/-10%.
 4 Lumen maintenance values at 50C are calculated per TM-21 based on LM-80 data and in-situ testing.
 5 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
 6 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

PERFORMANCE

Delivered Lumens ¹									
Size	Lumen Package	Refractor or Attachments	3000K		4000K		5000K		Wattage
			Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
12"	18L	No Refractor	18028	139	19845	153	18225	141	130
		R16AC	18104	140	19929	154	18302	141	
		R16AC R16CPA	17197	133	18930	146	17385	134	
		R16AD	18096	140	19920	154	18294	141	
		R16AD R16CPA	17470	135	19231	148	17661	136	
		R16AW	18115	140	19941	154	18313	141	
		R16AW R16CPA	17360	134	19110	147	17550	135	
		R16AL	17590	136	19363	149	17782	137	
		R16AL R16CPA	16577	128	18248	141	16759	129	
	24L	No Refractor	22949	134	25262	147	23200	135	172
		R16AC	23046	134	25369	148	23298	136	
		R16AC R16CPA	21891	127	24097	140	22131	129	
		R16AD	23035	134	25357	148	23287	136	
		R16AD R16CPA	22239	129	24480	142	22482	131	
		R16AW	23060	134	25384	148	23312	136	
		R16AW R16CPA	22099	129	24326	142	22341	130	
		R16AL	22392	130	24648	143	22636	132	
		R16AL R16CPA	21102	123	23229	135	21333	124	
	30L	No Refractor	29499	126	32472	139	29822	128	234
		R16AC	29624	127	32609	140	29948	128	
		R16AC R16CPA	28139	120	30975	133	28447	122	
		R16AD	29610	127	32594	140	29934	128	
		R16AD R16CPA	28586	122	31467	135	28899	124	
		R16AW	29642	127	32629	140	29966	128	
		R16AW R16CPA	28406	122	31269	134	28717	123	
		R16AL	28782	123	31683	136	29097	125	
		R16AL R16CPA	27125	116	29859	128	27422	117	

Electrical Data - Current Draw AMPS ³							
Size	Lumen Package	Wattage	120V	208V	240V	277V	347V
9"	6L	39	0.32	0.19	0.16	0.14	0.11
9"	9L	59	0.49	0.28	0.24	0.21	0.17
9"	12L	79	0.66	0.38	0.33	0.28	0.23
12"	18L	130	1.08	0.62	0.54	0.47	0.37
12"	24L	172	1.43	0.83	0.72	0.62	0.50
12"	30L	234	1.95	1.12	0.97	0.84	0.67

Ambient Temperature		
Size	Surface	Suspended
9	65	65
12	34	41

Recommended Lumen Maintenance - ARB ⁴						
Size	Ambient Temperature °C	Initial ⁵	25K hrs. ⁵	50K hrs. ⁵	75K hrs. ⁶	100K hrs. ⁶
9"	0	100%	95%	90%	85%	81%
9"	10	100%	95%	90%	85%	81%
9"	20	100%	95%	90%	85%	81%
9"	25	100%	95%	90%	85%	81%
9"	30	100%	95%	90%	85%	81%
9"	40	100%	95%	90%	85%	81%
9"	50	100%	95%	90%	85%	81%
12"	0	100%	95%	90%	85%	81%
12"	10	100%	95%	90%	85%	81%
12"	20	100%	95%	90%	85%	81%
12"	25	100%	94%	89%	84%	79%
12"	30	100%	94%	88%	83%	78%
12"	40	100%	93%	86%	80%	75%
12"	50	100%	95%	90%	85%	81%

¹ LEDs are frequently updated therefore values are nominal.

² For lumen output scaling, multiply the CCT-Lumen combination by the scaling factor to get the output for the refractor used.

³ Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

⁴ Lumen maintenance values at 50C are calculated per TM-21 based on LM-80 data and in-situ testing.

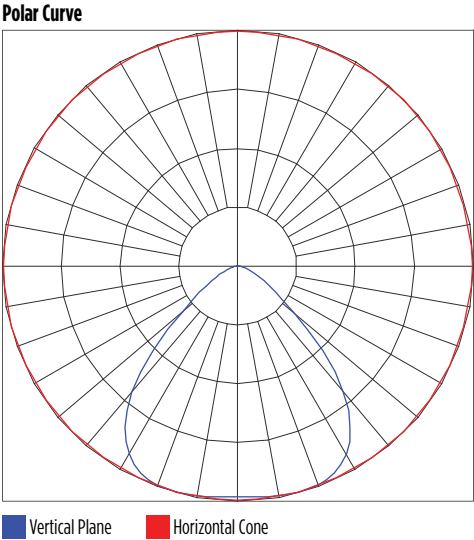
⁵ In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

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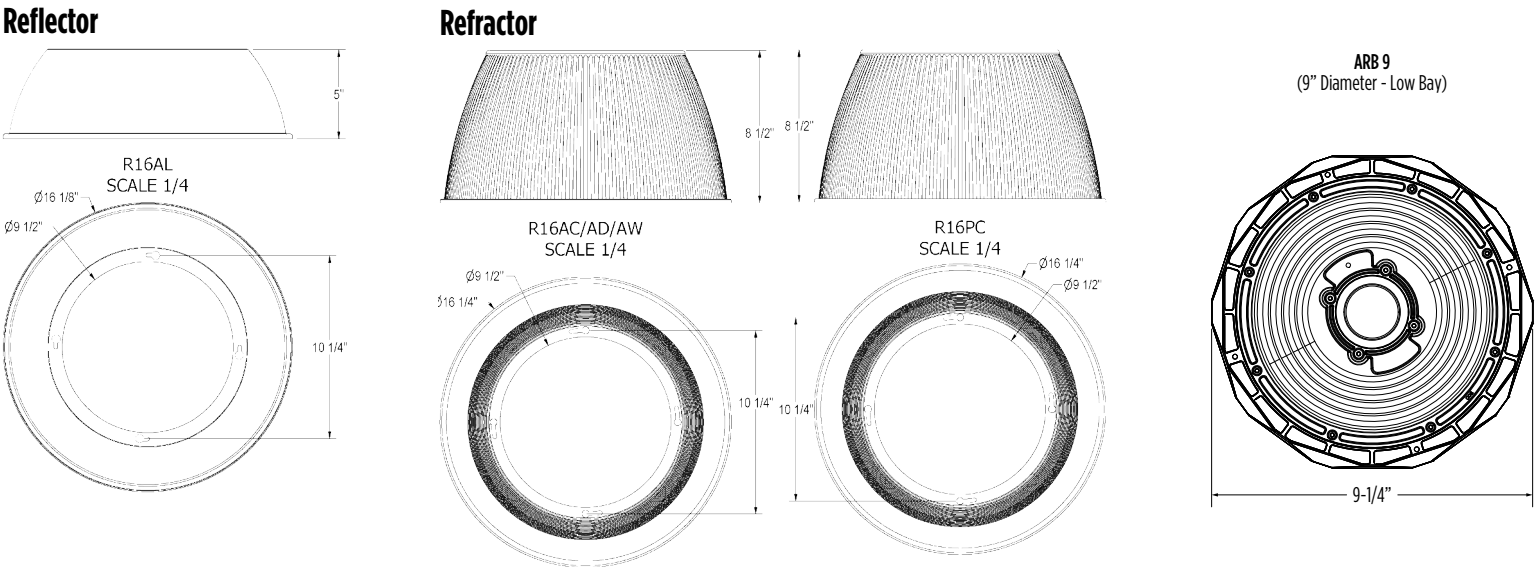
PHOTOMETRICS

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%. See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

ARB-9 and ARB-12 Polar Curve

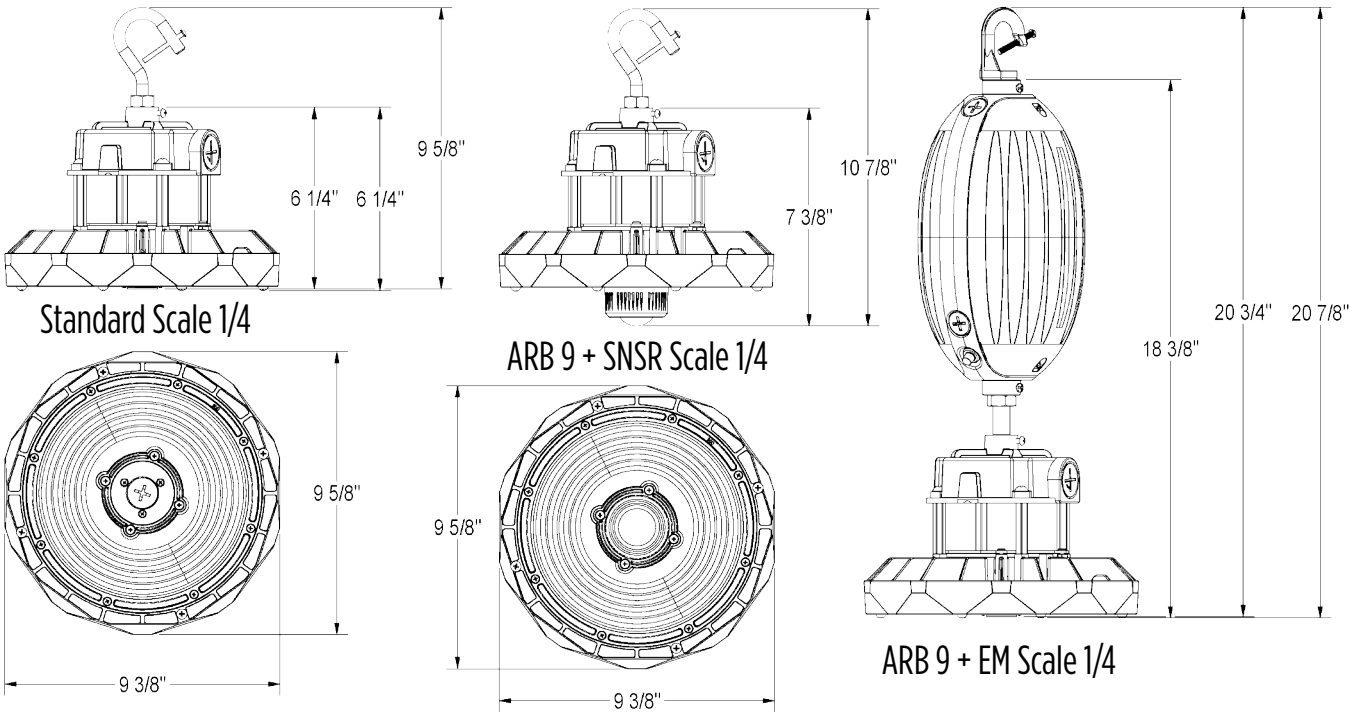


PRODUCT DIMENSIONS



PRODUCT DIMENSIONS

ARB 9



ARB 12

